

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-273225

(43)Date of publication of application : 03.10.2000

(51)Int.Cl.

C08J 7/00
C08L 67/03
// C08J 5/18

(21)Application number : 11-082481

(71)Applicant : KURARAY CO LTD

(22)Date of filing : 25.03.1999

(72)Inventor : TANAKA YOSHIKI
SATO TOSHIKI
TSUDAKA KENICHI

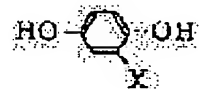
(54) FILM OF THERMOPLASTIC LIQUID CRYSTAL POLYMER AND IMPROVEMENT OF THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To certainly and inexpensively prevent delamination of a film of thermoplastic liquid crystal polymer by carrying out a thermal shrinkage under unstressed condition to modify the film comprising a thermoplastic polymer formable of a melt phase having optical anisotropy.

SOLUTION: The object film is modified by applying a thermal shrink : 2% to the film of the thermoplastic polymer formable of a melt phase having optical anisotropy (liquid crystal thermoplastic polymer) under unstressed condition. Stretched laminate obtained by stretching a laminate comprising the film of a thermoplastic liquid crystal polymer and support film is preferably applied thermal shrink : 10% under unstressed condition. Thermal shrinking is preferably carried out in a hot-air drying oven at the temperature 15° C lower than the melting point to the melting point of the polymer.

Aromatic or aliphatic dihydroxy compounds [e.g.; X is H, a halogen or the like] or the like are enumerated as raw material for the thermoplastic liquid crystal film.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office